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(54) HEART PACE MAKER FOR TREATING SUPERIOR VENTRICLE TACHYCARDIA

(57) Abstract:

PURPOSE: To provide the above heart pace maker which is simple in construction and is safer than in the case of adoption of a system for energization, particularly in the period of 100 to 300msec after R waves by intermittently passing DC currents to the auricular muscle when superior ventricle tachycardias exceed a specified upper limit.

CONSTITUTION: A means for detecting the pulses of the cardiac ventricle, a DC current supplying function for intermittently passing the DC currents to the auricular muscle and a current output means having the auricular leads for passing the DC currents to the auricular muscle are provided in the cardiac ventricle pace maker. The DCs are supplied through the auricular leads 3 to the auricular wall automatically for 10 seconds when the patient's heart beats exceed the upper limit rate. This pace maker is preferably so constituted

that not the DC energization is executed by the instantaneous detection of the upper rate but the signal of yes is emitted by the continuation of the heart beats of the upper rate of above for 10 seconds. The energization voltage can be programmed to any of 5.0V, 7.5V, and 10.0V.

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